Serial No. 10/725,513 Art Unit 2618

REMARKS

Claims 1-2, 9-11, and 16 have been cancelled. Claims 3 and 8 have been rewritten as independent claims including the limitations of the claims on which they were previously dependent and any intervening claims. Independent claims 3, 8, and 12, and dependent claims 4-7 and 13-15 remain in the application.

In addition, claims 3, 12, and 15 have been amended to more clearly defined the p-channel single transistor transconductor and the n-channel single transistor transconductor. Claims 4, 5, 8, 13, and 15 have been amended to correct antecedence problems with respect to the terms "body effect", "floating voltage source", and "flicker noise". Claims 4 and 13 have been amended to clarify that the body-effect refers to the p-channel and n-channel transconductors. Claims 6, 8, and 14 have been amended to refer to the RF transconductance amplifier rather than the RF transconductance stage and the RF transconductor, in order to use consistent terminology for the sake of antecedence. Claim 3 has been amended to use the word "comprises" rather than "consists" when listing elements of the RF transconductance amplifier, consistent with the description of the elements of the RF transconductance amplifier of claim 12. No new subject matter has been added to the application.

The Examiner has rejected claim 1 under 35 U.S.C. 102(e) as being anticipated by U.S. Patent 6,232,848 issued to Manku. Claim 1 has been cancelled.

The Examiner has rejected claims 9, 10, and 16, presumably on the same grounds. These claims have been cancelled.

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The Examiner has rejected claims 2 and 11 under 35 U.S.C. 103(a) as being unpatentable over Manku in view of U.S. Patent 6,813,485 issued to Sorrels. Claims 2 and 11 have been cancelled.

In view of the foregoing, it is believed that the claims as amended herein are in condition for allowance. Reconsideration and action to this end is respectfully requested.

Respectfully submitted,

S. Mark Budd

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Agent of Record

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 18)			Docket No. 15624-US
Applicant(s): Farsh	heed MAHMOUDI, et al.		
Serial No.	Filing Date	Examiner	Group Art Unit
10/725,513	3 December 2003	Richard CHAN	2618
Invention: LOW VOLTA	AGE LOW POWER HIGH-LINE	EARITY ACTIVE CMOS MIXE	iR
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		und Tipudinaina Villus (FdX	
on June 2,			
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